



12-20-06

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EXPRESS MAIL NO. EV889151142US

**TRANSMITTAL  
FORM***(To be used for all correspondence  
after initial filing)*

Application Number	10/684,981
Filing Date	October 14, 2003
First Named Inventor	Hiroyasu Inoue
Art Unit	1756
Examiner Name	Martin J. Angebranndt
Attorney Docket No.	890050.443

**ENCLOSURES (check all that apply)**

- |   |  |   |
|---|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form                                | <input type="checkbox"/> Drawing(s)  | <input type="checkbox"/> After Allowance<br>Communication to TC   |
| <input checked="" type="checkbox"/> Fee Attached  | <input type="checkbox"/> Request for Corrected Filing<br>Receipt                               | <input type="checkbox"/> Appeal Communication to<br>Board of Appeals and<br>Interferences               |
| <input type="checkbox"/> Amendment/Response   | <input type="checkbox"/> Licensing-related Papers  | <input type="checkbox"/> Appeal Communication to<br>TC ( <i>Appeal Notice, Brief,<br/>Reply Brief</i> ) |
| <input type="checkbox"/> After Final  | <input type="checkbox"/> Petition  | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                                      | <input type="checkbox"/> Petition to Convert to a<br>Provisional Application                   | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Extension of Time Request                                      | <input type="checkbox"/> Power of Attorney,<br>Revocation, Change of<br>Correspondence Address | <input checked="" type="checkbox"/> Return Receipt Postcard   |
| <input type="checkbox"/> Express Abandonment<br>Request                                 | <input type="checkbox"/> Declaration   | <input type="checkbox"/> Other Enclosure(s) ( <i>please<br/>identify below</i> ):                       |
| <input checked="" type="checkbox"/> Information Disclosure<br>Statement and Transmittal | <input type="checkbox"/> Statement under 37 CFR<br>3.73(b)                                     |   |
| <input checked="" type="checkbox"/> Cited References                                    | <input type="checkbox"/> Terminal Disclaimer   |   |
| <input type="checkbox"/> Certified Copy of Priority<br>Document(s)                      | <input type="checkbox"/> Request for Refund  |   |
| <input type="checkbox"/> Response to Missing Parts<br>under 37 CFR 1.52 or 1.53         | <input type="checkbox"/> CD, Number<br>of CD(s) _____  |   |
| <input type="checkbox"/> Response to Missing<br>Parts/Incomplete Application            | <input type="checkbox"/> Landscape Table on CD   |   |

Remarks**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Seed Intellectual Property Law Group PLLC	Customer Number	00500
Signature			
Printed Name	David V. Carlson		
Date	December 19, 2006	Reg. No.	31,153

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature		
Typed or printed name		Date:

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

## Complete if Known

Application Number	10/684,981
Filing Date	October 14, 2003
First Named Inventor	Hiroyasu Inoue
Examiner Name	Martin J. Angebranndt

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$180)

Attorney Docket No. 890050.443

## METHOD OF PAYMENT (check all that apply)

- ☒ Check    ☐ Credit Card    ☐ Money Order    ☐ Other (please identify): \_\_\_\_\_  
☒ Deposit Account    Deposit Account Number: 19-1090    Deposit Account Name: Seed IP Law Group PLLC  
 For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  
☐ Charge fee(s) indicated below    ☐ Charge fee(s) indicated below, except for the filing fee  
☐ Charge any additional fee(s) or underpayments    ☒ Charge any underpayments or credit any overpayments of fee(s) under 37 CFR 1.16 and 1.17

Warning: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

## FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)

## 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Provisional	200	100	0	0	0	0	_____

## 2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	
				Fee (\$)	Fee Paid (\$)
_____ -20 or HP = _____	X	_____	= _____	_____	_____

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
_____ -3 or HP = _____	X	_____	= _____

HP = highest number of independent claims paid for, if greater than 3.

## 3. APPLICATION SIZE FEE

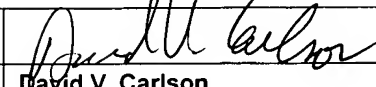
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)) the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____ -100 = _____	/50 = _____	_____ (round up to a whole number) x _____	_____	_____

## 4. OTHER FEE(S)

	Fees Paid (\$)
Non-English Specification, \$130 fee (no small entity discount)	_____
Other (e.g., late filing surcharge): Submission of Second Supplemental IDS	180

## SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	31,153	Telephone	206-622-4900
Name (Print/Type)	David V. Carlson	Date	December 19, 2006		



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Hiroyasu Inoue et al.  
Application No. : 10/684,981  
Filed : October 14, 2003  
For : OPTICAL RECORDING MEDIUM AND METHOD FOR  
MANUFACTURING THE SAME

Examiner : Martin J. Angebranndt  
Art Unit : 1756  
Docket No. : 890050.443  
Date : December 19, 2006

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SECOND SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT TRANSMITTAL

Commissioner for Patents:

In accordance with 37 CFR 1.56 and 1.97 through 1.98, applicants wish to make known to the U.S. Patent and Trademark Office the references set forth on the attached Information Disclosure Statement.

The Information Disclosure Statement was necessitated by the Examiner's double patenting rejection on numerous other cases, Applicants do not agree that the double patenting rejection is proper and much of the art in other cases may not be relevant to the current claims. However, if the Examiner believed the claims of the related cases were sufficiently similar to warrant a double patenting rejection, some art from the related cases might be considered relevant by the Examiner. Accordingly, the art from the other cases is cited out of an abundance


of caution. This is the reason for the submission of the art in this Information Disclosure Statement and the basis of relevance provided by Applicants' attorney.

Copies of cited U.S. patents and published patent applications are not required and accordingly have not been provided. Copies of any other cited references are enclosed. As to any reference cited, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 CFR 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

A fee of \$180 is submitted in accordance with 37 CFR 1.97(c). The Director is authorized to charge any other fees which may be required, or credit any overpayment to Deposit Account No. 19-1090.

Respectfully submitted,  
Seed Intellectual Property Law Group PLLC


  
\_\_\_\_\_  
David V. Carlson  
Registration No. 31,153

DVC:lcs

Enclosures:  
Check  
Information Disclosure Statement  
Cited References (14)

701 Fifth Avenue, Suite 5400  
Seattle, Washington 98104-7092  
Phone: (206) 622-4900  
Fax: (206) 682-6031

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	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 890050.443	APPLICATION NO. 10/684,981
	SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS Hiroyasu Inoue et al.	
			FILING DATE October 14, 2003	GROUP ART UNIT 1756

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,405,706	09/20/83	Takahashi et al.	430	271	
	AB	4,500,889	02/19/85	Wada et al.	346	1.1	
	AC	4,529,991	07/16/85	Wada et al.	346	76 L	
	AD	4,609,611	09/02/86	Sigyo et al.	430	270	
	AE	4,682,321	07/21/87	Takaoka et al.	369	284	
	AF	5,459,018	10/17/95	Akahira	430	270	
	AG	5,871,881	02/16/99	Nishida et al.	430	270.11	
	AH	6,333,913	12/25/01	Yoshinari et al.	369	283	
	AI	6,355,326	03/12/02	Lee et al.	428	64.1	
	AJ	6,404,712	06/11/02	Lee et al.	369	47.53	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AK	4-838	01/05/73	JP		
	AL	54-133134	10/16/79	JP (+Abstract in English)		
	AM	56-124134	09/29/81	JP (+Abstract in English)		
	AN	60-219097	11/01/85	JP (+Abstract in English)		
	AQ	62-226440	10/05/87	JP (+Abstract in English)		
	AP	62-226442	10/05/87	JP (+Abstract in English)		
	AQ	03258590	11/18/91	JP (+Abstract in English)		
	AP					

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	AS	
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EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

<b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>  <b>SECOND SUPPLEMENTAL INFORMATION</b> <b>DISCLOSURE STATEMENT</b> (Use several sheets if necessary)	ATTY. DOCKET NO. 890050.443	APPLICATION NO. 10/684,981
	APPLICANTS Hiroyasu Inoue et al.	
	FILING DATE October 14, 2003	GROUP ART UNIT 1756

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA	6,404,713	06/11/02	Ueki	369	47.53	
	BB	2002/0110063	08/15/02	Yamada et al.	369	47.39	
	BC	2004/0027652	02/12/04	Erdogan et al.	359	359	
	BD	2004/0052176	03/18/04	Narumi et al.	369	47.39	
	BE	2005/0047306	03/03/05	Inoue et al.	369	94	
	BF						
	BG						
	BH						
	BI						
	BJ						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	BK	10-143919	05/29/98	JP (+Abstract in English)		
	BL	2 336 463	10/20/99	GB		
	BM	2001-101709	04/13/01	JP (+Abstract in English)		
	BN	1 122 723	08/08/01	EP		
	BO	2001-266402	09/28/01	JP (+Abstract in English)		
	BP	03/025924	03/27/03	WO (+Abstract in English)		
	BQ	2003-105738	04/09/03	JP (+Abstract in English)		
	BR					

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

	BS	
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EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).